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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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Tagart
Cruce field
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EXEC. SECRETARY

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ATTORNEY

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VI, No. 9 — McKEE PRINT. — September, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of September, 1958, averaged 77,781 barrels daily, an increase of 1,931 barrels from the average August production of 75,850.

The nine refineries in the State processed 64,210 barrels of crude oil daily for the month of September, 1958, a decrease of 8,244 barrels daily from the 72,454 barrels processed daily during the month of August, 1958.

During September, 27 wells were completed, 16 oil, 0 gas wells and 11 dry holes.

During September, the Commission issued 26 permits to drill new wells, a decrease of 3 from the 29 permits issued during August.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF SEPTEMBER, 1958

IN STORAGE SEPTEMBER 1st:	
By Producers	371,424
By Transporters	651,924
By Refiners	526,840
TOTAL STORAGE	1,550,188
Produced in Montana During Month	2,333,450
Imported During Month	1,506,039
TOTALS	5,389,677
DISPOSITION:	
Refined in Montana	1,926,298
Exported	1,786,953
Used for Fuel or Lost	4,398
TOTAL	3,717,649
IN STORAGE SEPTEMBER 30th:	
By Producers	371,467
By Transporters	642,156
By Refiners	658,405
TOTAL STORAGE	1,672,028

NATURAL GAS WITHDRAWALS IN MONTANA

Month of September, 1958

Field	M Cu. Ft.
Bears Den	2,986
Big Coulee	41,301
Bowdoin	57,647
Bowes	29,747
Box Elder	0
Cabin Creek	78,364
Cedar Creek	225,408
Clarks Fork	84,800
Cut Bank (Including Reagan)	782,755
Devon	11,096
Dry Creek	93,383
Elk Basin	32,672
Flat Coulee	6,082
Golden Dome	3,092
Hardin	3,786
Keith Block	1,488
Kevin Sunburst	54,355
Pine	83,560
Plevna	18,580
Utopia	21,503
Whitlash	50,237
Miscellaneous	32,960
TOTAL	1,715,802

Total Withdrawals for September, 1957 were 2,009,557 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF SEPTEMBER, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	793	2,796	.....	2,698	.....	891
5	Bannatyne	6	1,267	865	.....	1,203	.....	929
1	Belfry	....	45	.....	.....	.....	.....	45
11	Big Wall	30	5,415	18,537	.....	20,485	.....	3,467
8	Blackfoot	12	1,787	8,047	.....	8,323	.....	1,511
20	Bowes	67	9,616	24,448	25,152	.....	.....	8,912
1	Bredette	1	1,673	796	803	.....	.....	1,666
5	North Bredette	5	3,332	13,059	12,259	.....	.....	4,132
1	Brorson	1	1,951	1,971	1,752	.....	.....	2,170
2	Bynum	2	642	213	.....	.....	.....	855
7	Cabin Creek	90	15,893	385,691	378,001	.....	2,560	21,023
30	Cat Creek	84	5,943	12,754	8,398	2,947	.....	7,352
1	Clark's Fork	1	89	258	.....	.....	.....	347
3	Clark's Fork North	5	5,685	39,888	.....	41,517	.....	4,056
2	Cupton	2	1,111	1,453	1,713	.....	13	838
355	Cut Bank	1,160	123,602	176,005	171,371	.....	104	128,132
3	Deer Creek	5	2,309	8,837	10,208	.....	.....	938
5	Delphia	5	1,362	3,903	.....	3,071	.....	2,194
4	Devil's Basin	5	745	1,227	.....	967	14	991
5	Dry Creek	6	1,141	5,600	5,541	.....	.....	1,200
20	Elk Basin	57	8,900	277,132	278,409	.....	.....	7,623
2	Fertile Prairie	3	1,674	1,747	2,318	.....	.....	1,103
2	Frannie	2	442	3,122	3,228	.....	.....	336
1	Gage	1	289	54	.....	.....	.....	343
3	Gas City	12	3,565	22,131	21,526	.....	.....	4,170
6	Glendive	12	8,812	52,347	55,939	.....	.....	5,220
5	Ivanhoe	13	4,487	22,230	.....	21,858	.....	4,859
204	Kevin-Sunburst	1,447	17,816	72,275	71,829	.....	40	18,222
2	Lake Basin	2	497	.....	.....	497	.....	.....
2	Line Coulee	2	1,168	4,661	3,484	.....	.....	2,345
1	Little Beaver	7	2,738	13,779	13,916	.....	.....	2,601
4	East Little Beaver	5	1,954	5,588	4,044	.....	.....	3,498
5	Melstone	8	4,147	8,834	.....	10,029	.....	2,952
3	Mosser	8	1,726	799	.....	1,707	.....	818
11	Outlook Area	14	14,237	48,729	.....	54,448	.....	8,518
11	Pennel	22	7,817	45,095	47,978	.....	.....	4,934
6	Pine	133	19,716	448,635	448,700	.....	.....	19,651
79	Pondera	349	9,238	46,282	46,232	.....	.....	9,288
12	East Poplar	100	23,697	308,008	306,268	.....	.....	25,437
3	Northwest Poplar	4	1,275	1,964	1,568	.....	.....	1,671
3	Ragged Point	8	2,692	10,902	.....	10,976	.....	2,618
1	Rattlesnake Butte	1	42	44	.....	.....	.....	86
4	Reagan	44	3,198	14,413	14,924	.....	.....	2,687
1	Repeat	1	864	3,318	3,969	.....	.....	213
5	Richey	9	3,889	7,981	8,553	.....	.....	3,317
2	Snyder	4	1,035	2,453	.....	2,343	.....	1,145
3	Soap Creek	12	8,327	5,202	.....	5,028	.....	8,501
1	Southwest Richey	2	679	3,483	3,277	.....	.....	885
23	Sumatra	66	14,462	141,116	132,592	4,422	.....	18,564
3	Sweetgrass Hills	3	803	488	.....	397	.....	894
9	Whitlash	31	7,786	5,251	1,957	1,199	.....	9,881
10	Wolf Springs	19	7,896	46,650	48,784	.....	.....	5,762
2	Woodrow	2	655	2,389	1,868	.....	.....	1,176
....	Yellowstone	....	500	.....	.....	.....	.....	500
919		3,894	371,424	2,333,450	2,136,561	194.115	2,731	371,467

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
First Quarter, 1958	6,728,571	74,761	6,644,211	73,824
Second Quarter, 1958	6,951,369	76,388	6,965,486	76,543
July, 1958	2,394,793	77,251	2,401,420	77,465
August, 1958	2,351,355	75,850	2,318,337	74,785
September, 1958	2,333,450	77,781	2,330,676	77,689

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1957	319,586	745,067	776,264	1,804,917
March, 1958	380,210	712,578	601,535	1,694,323
June, 1958	351,180	624,029	526,399	1,501,608
July, 1958	342,199	680,152	595,813	1,618,164
August. 1958	371,424	651,924	526,840	1,550,188
September, 1958	371,467	642,156	658,405	1,672,028

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF SEPTEMBER, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,698				2,698		
BANNATYNE—Truck			1,203			1,203			
BIG WALL—Truck			20,485				20,485		
BLACKFOOT—Union Oil Co.			8,323			8,323			
BOWES—									
Trigood Oil Co.	8,563	341					1,666		7,738
The Texas Co.		24,311				24,311			
	8,563	25,152				24,311	1,666		7,738
BRORSON—Sun Oil Co.		1,752					1,752		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	306,124	869,961		462,822	53		1,336,605		302,249
Shell Pipe Line Corp.	5,509	94,411			496			93,852	5,572
	311,633	964,372		462,822	549		1,336,605	93,852	307,821
CAT CREEK—									
Continental Pipe Line Co.	3,327	8,398			39	2,871			8,815
Wm. Hanlon			2,947			2,947			
	3,327	8,398	2,947		39	5,818			8,815
CLARK'S FORK—Truck			41,517				41,517		
CUT BANK—									
Big West Oil Co.		1,020		19,261		20,281			
Darling Gathering System Inc.	1,800	5,924						5,579	2,145
Phillips Petroleum Co.	50,198	33,893		18,142	(722)			66,976	35,979
Texas Pipe Line Co.	25,161	39,795		22,240	69	31,548		28,910	26,669
Toronto Pipe Line Co.	22,227	47,578			(27)			47,919	21,913
Union Oil Co.	174,715	43,169		41,151	(417)	80,007			179,445
	274,101	171,379		100,794	(1,097)	131,836		149,384	266,151
DEVILS BASIN—Truck			967			967			
DELPHIA—Truck			3,071			3,071			
DRY CREEK—Ohio Oil Co.	8,125	5,541			69	6,699			6,998
ELK BASIN—Ohio Oil Co.		278,409				3,804	274,605		
FRANNIE—Ohio Oil Co.		3,228					3,228		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	10,001	67,584			244		22,558	45,639	9,144
IVANHOE—Truck			21,858			2,939	18,919		
KEVIN-SUNBURST—									
Big West Oil Co.	2,845	44,580				45,256			2,169
Homestake Oil & Gas Co.	1,367	2,451		5,579		8,081			1,316
The Texas Pipe Line Co.	4,082	35,478			375	35,103			4,082
	8,294	82,509		5,579	375	88,440			7,567
LAKE BASIN—Truck			497			497			
MELSTONE—Truck			10,029			10,029			
MOSSER—Truck			1,707				1,707		
PONDERA—Phillips Petr. Co.	11,985	47,452		42,870	(969)	93,898			9,378
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	8,586	326,877			1,413			323,329†	10,721
Truck			54,448				54,448		
	8,586	326,877	54,448		1,413		54,448	323,329	10,721
RAGGED POINT—Truck			10,976			10,976			
REAGAN—Union Oil Co.		14,924				14,924			
SNYDER—Truck			2,343				2,343		
SOAP CREEK—Truck			5,028			5,028			
SUMATRA—									
Powder River Pipe Line Inc.	2,079	132,592			(739)	135,410			
Truck			4,422				4,422		
	2,079	132,592	4,422		(739)	135,410	4,422		
SWEETGRASS HILLS—Truck			397			397			
WHITLASH—									
Homestake Oil & Gas Co.				3,375	(6)	3,381			
Western Natural Gas Co.	1,950	1,957			122			3,236	549
Truck			1,199			1,199			
	1,950	1,957	1,199	3,375	116	4,580		3,236	549
WOLF SPRINGS—									
Powder River Pipe Line Co.	3,280	48,801				44,707			7,374
TOTALS	651,924	2,180,927	194,115	615,440		597,857	1,786,953	615,440	642,156

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF SEPTEMBER, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	7,807	7,807
Bowes	.....	.....	.....	18,265	.....	.....	787	.....	.....	19,052
Cat Creek	.....	.....	2,934	.....	.....	3,130	.....	.....	.....	6,064
Clark's Fork	.....	.....	.....	.....	545	.....	.....	.....	.....	545
Cut Bank	16,856	.....	.....	.....	.....	.....	45,466	.....	83,483	145,805
Delphia	.....	.....	.....	.....	.....	1,921	.....	.....	.....	1,921
Dry Creek	.....	.....	.....	.....	8,216	.....	.....	.....	.....	8,216
Elk Basin	.....	138,537	56,093	.....	.....	.....	.....	.....	.....	194,630
Ivanhoe	.....	.....	.....	.....	.....	3,443	.....	.....	.....	3,443
Kevin-Sunburst	47,741	.....	.....	.....	428	.....	.....	.....	.....	48,169
Melstone	.....	.....	.....	.....	11,066	.....	.....	.....	.....	11,066
Pondera	148	.....	.....	.....	.....	.....	46,669	.....	.....	46,817
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	14,924	14,924
Soap Creek	.....	.....	.....	.....	.....	.....	.....	7,935	.....	7,935
Sumatra	.....	.....	415	.....	42,690	.....	.....	.....	.....	43,105
Sweetgrass Hills	203	.....	.....	.....	.....	.....	.....	.....	.....	203
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	1,220	1,220
Wolf Springs	.....	46,574	.....	.....	.....	.....	.....	.....	.....	46,574
Total Montana Oil	64,948	185,111	59,442	18,265	62,945	8,494	92,922	7,935	107,434	607,496
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming Oil Imported	.....	831,606	.....	.....	487,196	.....	.....	.....	.....	1,318,802
TOTAL Montana, Canadian & Wyoming Oil	64,948	1,016,717	59,442	18,265	550,141	8,494	92,922	7,935	107,434	1,926,298

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1957	25,264	575	37,438	63,277
September, 1957	27,536	157	42,142	69,835
September, 1958	20,250	.....	43,960	64,210

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
39.42%	.24%	60.34%
31.54%	....	68.46%